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CORNELL NOTETAKING

Key Words

1. Use the wheel for transportation
2. Improve the process of pottery making
3. Produce copper in quantities large enough to make tools and weapons
4. Irrigate fields
5. Study the stars
6. Develop engineering skills
7. Develop an efficient numbering system

Main Ideas/Supporting Ideas

- Used in Mesopotamia around 3250 BCE
- 1st used to make pottery, still used today
- Later used with ploughs, carts, chariots
- Vehicles pulled– donkeys/oxen
- Sumerians used kiln
- Produced in very high temperature
- Pottery and bricks are harder and more durable than dried in the sun
- Combined copper with tin to make bronze
- Allowed Sumerians to build bigger, stronger boats and vehicles
- First carried water from rivers to fields
- Dug channels, canals to allow water to flow from the river to fields
- Created calendar with Summer and Winter
- Based on phases of the moon, 30 days every 12 months
- Used math to build huge temples and complex systems of canals, dikes, ditches
- Invented a number system to 60 by mathematicians, astronomers til 1600s
- Clay tablets from about 3000 BCE show oil represented by symbol for oil 5 times.
- Sumerians developed system separated symbol of item from amount
- Helps dealing with large quantities

Connections and Reflections (Summary)

In Mesopotamia, they first used potter about 3250 BCE, then the wheel of transportation were sued with ploughs, chariots and carts. Sumerians used kiln to make pottery. They produced copper by combing with tin to make bronze, then help to build bigger, stronger vehicles. Sumerians first carried water from rivers to their field, so they dug channels, canals to allow the water to flow from the river to their fields. Sumerians created the calendar with Summer and Winter, based on phases of the moon with 12 months. They used math to build huger temples and complex systems of canals, dikes, and ditches. They also invented a number system